



# Deseret Chemical Depot - Location Map

## Legend

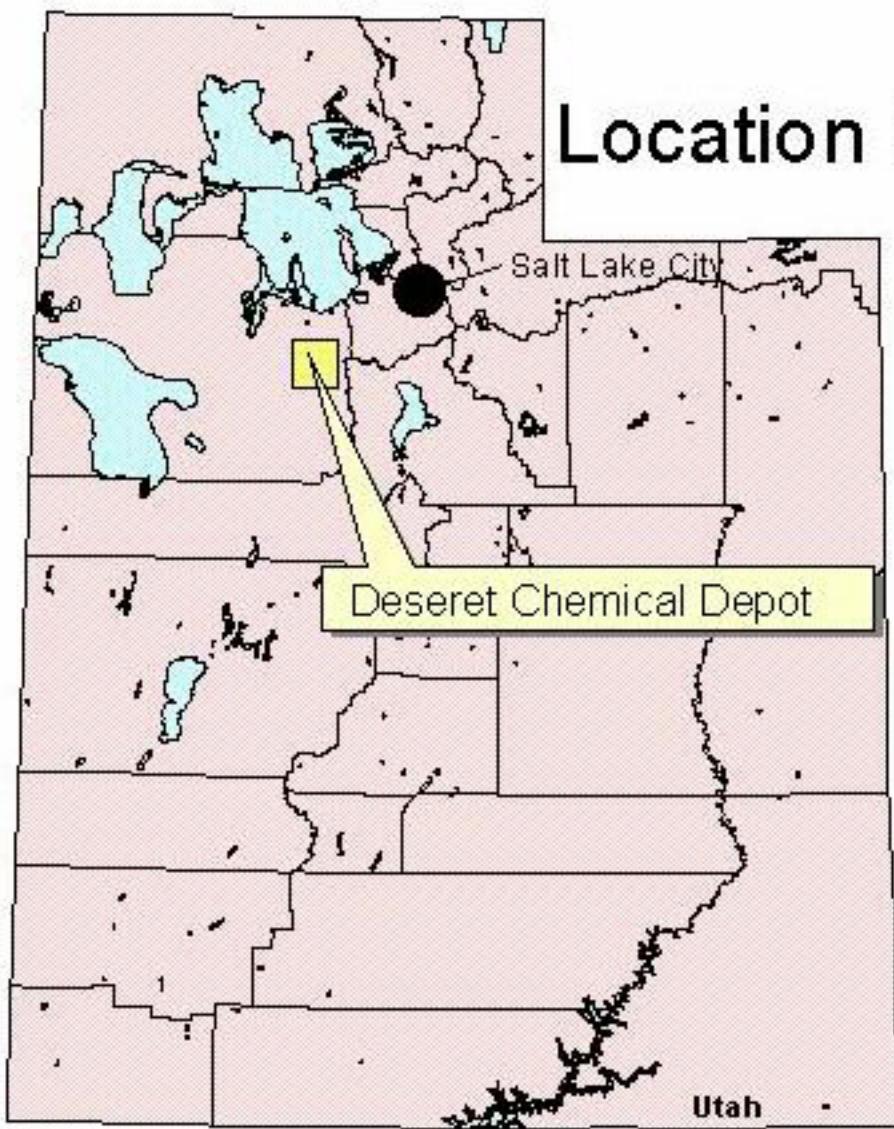
Meteorologic Station

Perimeter Monitoring Station

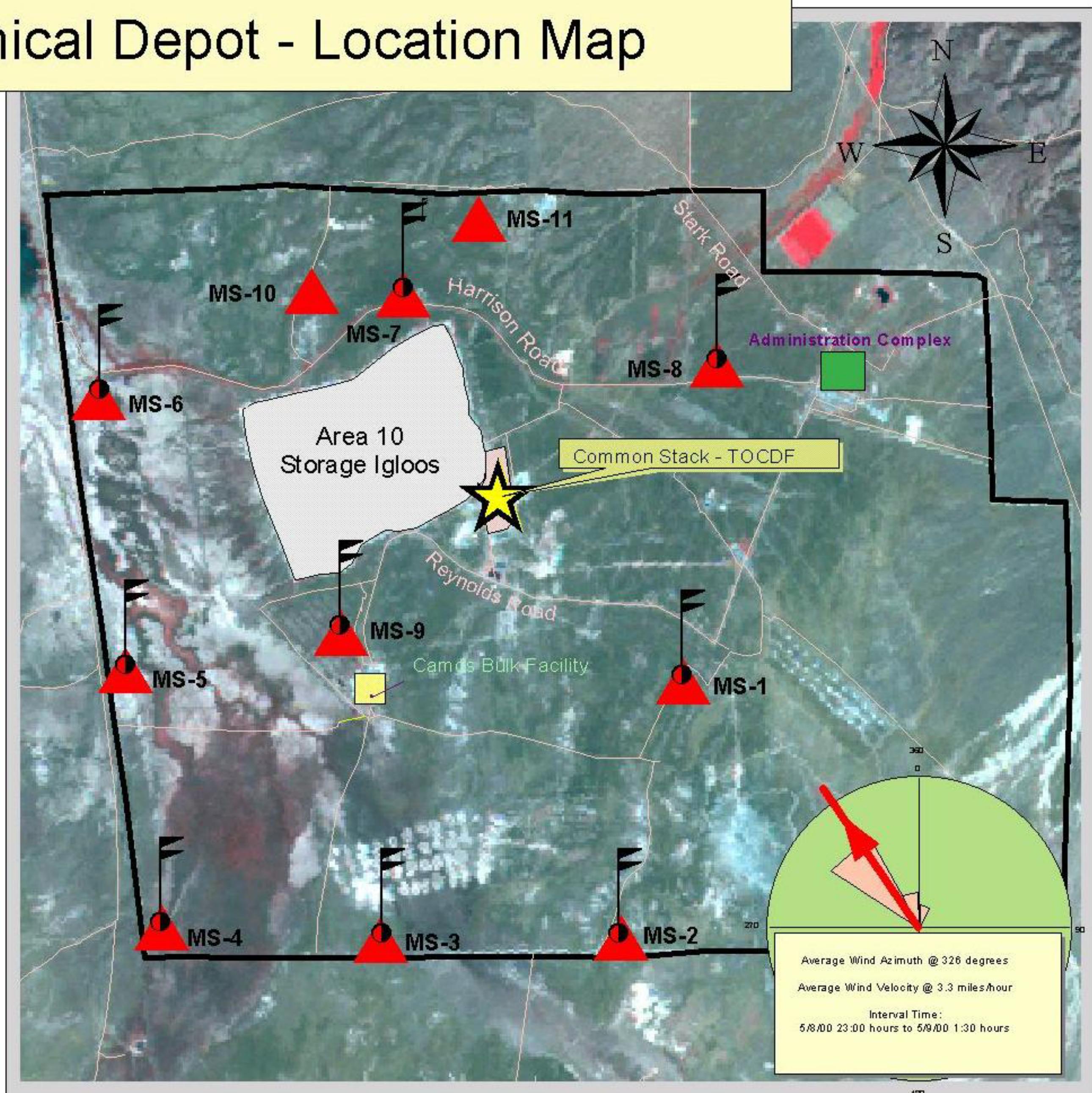
DCD Boundary

Roads

## Location Map



Division  
of  
Solid & Hazardous Waste



Time Interval: 23:00 hrs - 1:30 hrs

**TOCDF FACILITY**  
**Wind Azimuth Velocity Date**  
**Common Stack Release May 8-9, 2000**

6/9/2000

Station	Azimuth	Velocity m/s									
<b>MS-1</b>	128.1	0.7	<b>MS-2</b>	188.2	0.5	<b>MS-3</b>	211.1	3.2	<b>MS-4</b>	207.8	3
	137.9	0.8		135.1	0.6		207.9	3.1		192.7	2.3
	104.8	1.4		101.5	1.7		189.2	3		191.6	3.2
	79.6	2.3		57.4	1.6		154.4	2.12		184.7	2.1
	105	1.7		115.8	1.5		90.9	0.9		125.6	2.5
	127.1	1.9		145.8	0.8		164.6	1.6		149	2.2
	108	2.1		86.1	0.9		197.6	2		281.1	0.8
	140.4	2.2		111.1	0.3		181.3	1		265	0.5
	157.5	1.9		228.1	0.5		202.3	2.3		213.8	0.9
	142.9	1.8		194.6	0.5		219.2	2.4		207.7	2.2
Average	123.13	1.68	Average	136.37	0.89	Average	181.85	2.11	Average	201.9	1.97
Out Azimuth	303.13		Out Azimuth	316.37		Out Azimuth	361.85		Out Azimuth	381.9	

Station	Azimuth	Velocity m/s									
<b>MS-5</b>	179.9	0.6	<b>MS-6</b>	117.9	1.9	<b>MS-7</b>	155.1	0.9	<b>MS-8</b>	265.9	0.6
	152.8	0.8		147.2	2.7		127.4	1.6		189.1	0.7
	180	1.6		112.8	1.9		93.3	1.6		97.1	0.5
	93.3.	1.3		94.4	0.9		99.7	1.8		84	1.6
	123.3	1.4		129.3	1.3		101.4	1.9		148.6	2.4
	152.5	0.9		93.2	0.2		100.3	1.8		127.4	2
	186.2	0.4		100.1	0		97.6	1.6		127.8	2.5
	96.2	0.3		162.5	1.1		116.1	2.6		158.3	1.4
	115	0.3		146.7	0.8		121.1	2.3		145	1.6
	208.8	0.5		135	1.7		124.4	2.2		97.8	1.6
Average	155	0.8	Average	123.91	1.25	Average	113.64	1.83	Average	144.1	1.49
Out Azimuth	335		Out Azimuth	303.91		Out Azimuth	293.64		Out Azimuth	324.1	

Station	Azimuth	Velocity m/s
<b>MS-9</b>	147.6	1.4
	161.6	1.8
	110.9	1.3
	131.2	1.3
	105	1.7
	127.1	1.9
	108	2.1
	140.4	2.2
	157.5	1.9
	142.9	1.8
Average	133.22	1.74
Out Azimuth	313.22	

Time Interval : 11:00 pm May 8, 2000 - 1:30 am, May 9, 2000

All Stations: Average Azimuth

146

IN

326 OUT

1.5 m/s

Out: 326 Degrees

In: 146 Degrees

